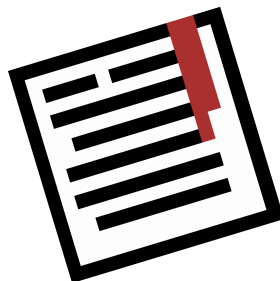
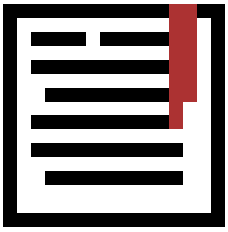


MNotes

Gor Yeritsyan

UFAR IMA|2



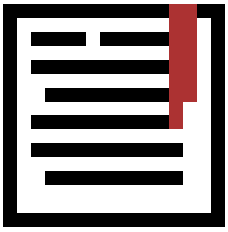


The idea

was to make a user friendly Note application using blazor asp.net.

MVP (Minimum Viable Product)

- Make notes inside browser easily
- Use Microsoft SQL for storing data
- Having File Management

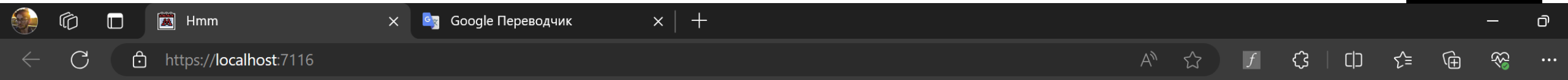
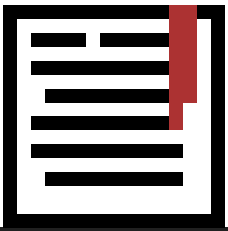


Why Blazor?

What is Blazor? Blazor is the Microsoft technology that uses ASP.NET which made for web application ,it has both frontend and backend side. Also NuGet Packages that makes development faster.

It is good for smaller projects like this.

The Application



aestro Notes

Normal **B** *I* U ~~S~~ A ~~A~~   


This is my Presentation


In this part you can see I have written some text which is basically an html file
You can read it and store it inside just one String


True


ADD FILE


ADD NOTE














Delete Note

Delete Note

Delete Note

Delete Note

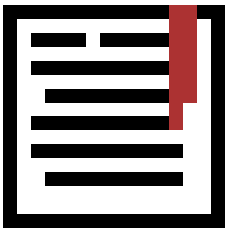
Delete File

Delete File

Save

Load

File Management



file

File works like a folder.

It contains other files and notes

Has **parent** and **content** id

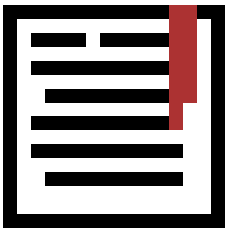
If any File and Note parent is **null**
it appears on the front page.



Note

Notes contain their information
and **parent** id.

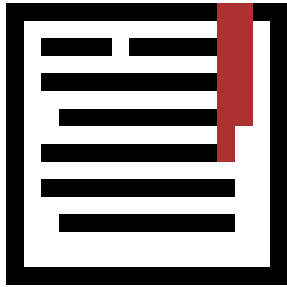
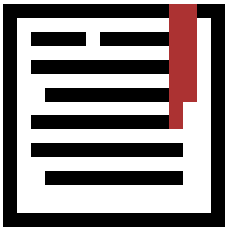
File Management



file

```
1 namespace MNotes.Data
2 {
3     11 references
4     public class fileData
5     {
6         3 references
7         public int id { get; set; }
8         1 reference
9         public string name { get; set; }
10        1 reference
11        public int contentId { get; set; }
12        3 references
13        public int? parentId { get; set; }
14        1 reference
15        public bool isFavorite { get; set; }
16    }
17 }
```

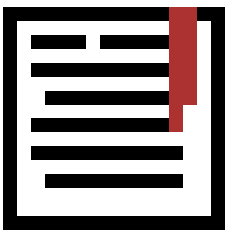
File Management



Note

```
1  namespace MNotes.Data
2  {
3
4      10 references
5      public class noteData
6      {
7          6 references
8          public int id { get; set; }
9          1 reference
10         public string? name { get; set; }
11         4 references
12         public string content { get; set; }
13         3 references
14         public int? parentid { get; set; }
15     }
16 }
```

SQL Database



(localdb)\MSSQLLocalDB (SQL Server 15.0.4153 - GORY\gorik)

Databases

System Databases

Database Snapshots

myDataBase

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.__EFMigrationsHistory

dbo.fileData

dbo.noteDatas

| gory\LOCALDB#86C7...ase - dbo.fileData | | | | | |
|--|------|------|-----------|----------|------------|
| | id | name | conten... | parentId | isFavor... |
| ▶* | NULL | NULL | NULL | NULL | NULL |

| gory\LOCALDB#86C...e - dbo.noteDatas | | | | |
|--------------------------------------|------|------|---------|-----------|
| | id | name | content | parren... |
| ▶* | NULL | NULL | NULL | NULL |



Microsoft®
SQL Server®
Management